Name of Work: Improvements to Roads and Drains at ISSAC layout, Synika vihara layout and Vinayaka layout in ward no-02 of Yelahanka Sub division

Date of Pre-Measurement : 30-3-19

Item No	Discription of Item		Detailed Measurements No	Length	Breadth	Depth	Qty	Unit
1	Removing & Refixing stone slabs of drains and pointing in C.M (1:3) (Page No 27., I.No.5.33 of KPWD S.R 2018-19).							
	Desilt of Drain							
	Sainik Vihar Layout							
	Cross Road B	LHS	1	10.00	1.35		13.50	
			1	13.00	1.35		17.55	
			1	6.00	1.35		8.10	
			1	14.00	1.35		18.90	
			1	12.00	1.35		16.20	
		RHS	1	7.00	1.35		9.45	
			1	3.00	1.35		4.05	
			1	6.00	1.35		8.10	
			1	8.00	1.35		10.80	
			1	9.00	1.35		12.15	
			1	3.00	1.35		4.05	
						Present Qty	**122.85**	**Sqm**

Contractor

PMC

Assistant Engineer

Asst. Executive Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Name of Work: Improvements to Roads and Drains at ISSAC layout, Synika vihara layout and Vinayaka layout in ward no-02 of Yelahanka Sub division

Date of Pre-Measurement : 15/4/19

Item No	Discription of Item		Detailed Measurements No	Length	Breadth	Depth	Qty	Unit
2	Earthwork in execavation for foundation of structure like culverts, retaining wall etc., as per drawing and technical specification, including setting out, construction of shoring and bracing, dressing of sides and bottom, back filling with approved material, disposal of balance earth as per specification, including cost of labour, HOM etc., complete. In all kinds of soil by manual means. (P.No.256, I.No.34.15.1 of PW,P&IWTD S.R 2018-19)							
	Desilt of Drain							
	Sainik Vihar Layout							
	Cross Road B	LHS	1	30.00	0.50	0.35	5.25	
			1	30.00	0.50	0.40	6.00	
			1	30.00	0.50	0.40	6.00	
			1	30.00	0.50	0.40	6.00	
			1	30.00	0.50	0.40	6.00	
			1	1.50	0.50	0.40	0.30	
		RHS	1	30.00	0.50	0.40	6.00	
			1	30.00	0.50	0.40	6.00	
			1	6.10	0.50	0.40	1.22	
			1	27.10	0.50	0.40	5.42	
			1	30.00	0.50	0.40	6.00	
			1	5.70	0.50	0.40	1.14	
	Flagging Course Drain							
	Sainik Vihar Layout							
	Cross Road B	LHS	2	30.00	0.25	0.20	3.00	
			2	30.00	0.25	0.20	3.00	
			2	30.00	0.25	0.20	3.00	
			2	30.00	0.25	0.20	3.00	
			2	30.00	0.25	0.20	3.00	
			2	30.00	0.25	0.20	3.00	
			2	1.50	0.25	0.20	0.15	
		RHS	2	30.00	0.25	0.20	3.00	
			2	30.00	0.25	0.20	3.00	
			2	6.10	0.25	0.20	0.61	
			2	27.10	0.25	0.20	2.71	
			2	30.00	0.25	0.20	3.00	
			2	5.70	0.25	0.20	0.57	
	RCC Drain							
	Sainik Vihar Layout							
	Cross Road A	LHS	1	30.00	1.05	1.00	31.50	
			1	30.00	1.05	1.00	31.50	
			1	30.00	1.05	1.00	31.50	
			1	30.00	1.05	1.00	31.50	
			1	20.00	1.05	1.00	21.00	

	Harohalli 7th cross	LHS	1	30.00	1.05	1.00	31.50	
			1	3.00	1.05	1.00	3.15	
			1	26.00	1.05	1.00	27.30	
			1	30.00	1.05	1.00	31.50	
			1	30.00	1.05	1.00	31.50	
			1	24.50	1.05	1.00	25.73	
			1	27.50	1.05	1.00	28.88	
			1	30.00	1.05	1.00	31.50	
			1	30.00	1.05	1.00	31.50	
			1	22.50	1.05	1.00	23.63	
			1	10.70	1.05	1.00	11.24	
			1	8.00	1.05	1.00	8.40	
			1	1.50	1.05	1.00	1.58	
			1	17.00	1.05	1.00	17.85	
		RHS	1	30.00	1.05	1.00	31.50	
			1	30.00	1.05	1.00	31.50	
			1	15.50	1.05	1.00	16.28	
			1	30.00	1.05	1.00	31.50	
			1	30.00	1.05	1.00	31.50	
			1	24.50	1.05	1.00	25.73	
			1	30.00	1.05	1.00	31.50	
			1	30.00	1.05	1.00	31.50	
			1	22.50	1.05	1.00	23.63	
			1	19.30	1.05	1.00	20.27	
			1	30.00	1.05	1.00	31.50	
			1	30.00	1.05	1.00	31.50	
			1	13.00	1.05	1.00	13.65	
	Balaji Layout, 1st cross		1	15.00	1.05	1.00	15.75	
	Prakruthi layout, 5th cross		1	30.00	1.00	1.00	30.00	
			1	20.50	1.00	1.00	20.50	
	Naidu layout							
	Culvert1		1	5.40	1.80	0.90	8.75	
	Culvert2		1	7.00	1.80	0.85	10.71	
	Culvert3		1	7.60	1.80	0.90	12.31	
						Present Qty	**985.17**	**Cum**

Contractor

PMC

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Name of Work: Improvements to Roads and Drains at ISSAC layout, Synika vihara layout and Vinayaka layout in ward no-02 of Yelahanka Sub division

Date of Pre-Measurement : 14/5/19

Item No	Discription of Item		Detailed Measurements No	Length	Breadth	Depth	Qty	Unit
3	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No-13,I No-							
	Flagging Course Drain							
	Sainik Vihar Layout							
	PCC							
	Cross Road B	LHS	2	30.00	0.15	0.100	0.90	
			2	30.00	0.15	0.100	0.90	
			2	30.00	0.15	0.100	0.90	
			2	30.00	0.15	0.100	0.90	
			2	30.00	0.15	0.100	0.90	
			2	1.50	0.15	0.100	0.05	
		RHS	2	30.00	0.15	0.100	0.90	
			2	30.00	0.15	0.100	0.90	
			2	6.10	0.15	0.100	0.18	
			2	27.10	0.15	0.100	0.81	
			2	30.00	0.15	0.100	0.90	
			2	5.70	0.15	0.100	0.17	
	Coping							
	Cross Road B	LHS	2	30.00	0.15	0.075	0.68	
			2	30.00	0.15	0.075	0.68	
			2	30.00	0.15	0.075	0.68	
			2	30.00	0.15	0.075	0.68	
			2	30.00	0.15	0.075	0.68	
			2	1.50	0.15	0.075	0.03	
		RHS	2	30.00	0.15	0.075	0.68	
			2	30.00	0.15	0.075	0.68	
			2	6.10	0.15	0.075	0.14	
			2	27.10	0.15	0.075	0.61	
			2	30.00	0.15	0.075	0.68	
			2	5.70	0.15	0.075	0.13	
						Present Qty	**14.72**	**Cum**

Contractor

PMC

Assistant Engineer

Asst. Executive Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Name of Work: Improvements to Roads and Drains at ISSAC layout, Synika vihara layout and Vinayaka layout in ward no-02 of Yelahanka Sub division

Date of Pre-Measurement : 14/5/19

Item No	Discription of Item		Detailed Measurements No	Length	Breadth	Depth	Qty	Unit
3	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No-13,I No-							
	Flagging Course Drain							
	Sainik Vihar Layout							
	PCC							
	Cross Road B	LHS	2	30.00	0.15	0.100	0.90	
			2	30.00	0.15	0.100	0.90	
			2	30.00	0.15	0.100	0.90	
			2	30.00	0.15	0.100	0.90	
			2	30.00	0.15	0.100	0.90	
			2	1.50	0.15	0.100	0.05	
		RHS	2	30.00	0.15	0.100	0.90	
			2	30.00	0.15	0.100	0.90	
			2	6.10	0.15	0.100	0.18	
			2	27.10	0.15	0.100	0.81	
			2	30.00	0.15	0.100	0.90	
			2	5.70	0.15	0.100	0.17	
	Coping							
	Cross Road B	LHS	2	30.00	0.15	0.075	0.68	
			2	30.00	0.15	0.075	0.68	
			2	30.00	0.15	0.075	0.68	
			2	30.00	0.15	0.075	0.68	
			2	30.00	0.15	0.075	0.68	
			2	1.50	0.15	0.075	0.03	
		RHS	2	30.00	0.15	0.075	0.68	
			2	30.00	0.15	0.075	0.68	
			2	6.10	0.15	0.075	0.14	
			2	27.10	0.15	0.075	0.61	
			2	30.00	0.15	0.075	0.68	
			2	5.70	0.15	0.075	0.13	
						Present Qty	**14.72**	**Cum**

Contractor

PMC Nexzen Consultants Bangalore

Assistant Engineer

Asst. Executive Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Name of Work: Improvements to Roads and Drains at ISSAC layout, Synika vihara layout and Vinayaka layout in ward no-02 of Yelahanka Sub division

Date of Pre-Measurement : 14/5/19

Item No	Discription of Item		Detailed Measurements No	Length	Breadth	Depth	Qty	Unit
4	KSRB 5-14.1 : Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800kg/m3 having a minimum average compressive strength of 5.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications KRS No 5.4 (P.No 27.1 No 5.27.2)							
	Flagging Course Drain							
	Sainik Vihar Layout							
	Cross Road B	LHS	2	30.00		0.20	12.00	
			2	30.00		0.20	12.00	
			2	30.00		0.20	12.00	
			2	30.00		0.20	12.00	
			2	30.00		0.20	12.00	
			2	1.50		0.20	0.60	
		RHS	2	30.00		0.20	12.00	
			2	30.00		0.20	12.00	
			2	6.10		0.20	2.44	
			2	27.10		0.20	10.84	
			2	30.00		0.20	12.00	
			2	5.70		0.20	2.28	
						Present Qty	**112.16**	**Sqm**

Contractor

PMC

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Name of Work: Improvements to Roads and Drains at ISSAC layout, Synika vihara layout and Vinayaka layout in ward no-02 of Yelahanka Sub division

Date of Pre-Measurement : 15/5/19

Item No	Discription of Item		Detailed Measurements No	Length	Breadth	Depth	Qty	Unit
5	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete.(7.5cms thick)(I No-5.31.1,P No-27)							
	Sainik Vihar Layout							
	Cross Road B	LHS	1	7.00	1.35		9.45	
			1	6.00	1.35		8.10	
			1	8.00	1.35		10.80	
			1	6.00	1.35		8.10	
			1	8.90	1.35		12.02	
		RHS	1	8.00	1.35		10.80	
			1	4.00	1.35		5.40	
			1	10.00	1.35		13.50	
			1	7.00	1.35		9.45	
						Present Qty	**87.62**	**Sqm**

Contractor

PMC

Assistant Engineer

Asst. Executive Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Name of Work: Improvements to Roads and Drains at ISSAC layout, Synika vihara layout and Vinayaka layout in ward no-02 of Yelahanka Sub division

Date of Pre-Measurement : 16/5/19

Item No	Discription of Item		Detailed Measurements No	Length	Breadth	Depth	Qty	Unit
6	KSRB 4-1.2: Providing and laying in position plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with 40mm nominal size mechanically mixed, placed in foundation							
	RCC Drain							
	Sainik Vihar Layout							
	Cross Road A	LHS	1	30.00	1.05	0.15	4.73	
			1	30.00	1.05	0.15	4.73	
			1	30.00	1.05	0.15	4.73	
			1	30.00	1.05	0.15	4.73	
			1	20.00	1.05	0.15	3.15	
	Harohalli 7th cross	LHS	1	30.00	1.05	0.15	4.73	
			1	3.00	1.05	0.15	0.47	
			1	26.00	1.05	0.15	4.10	
			1	30.00	1.05	0.15	4.73	
			1	30.00	1.05	0.15	4.73	
			1	24.50	1.05	0.15	3.86	
			1	27.50	1.05	0.15	4.33	
			1	30.00	1.05	0.15	4.73	
			1	30.00	1.05	0.15	4.73	
			1	22.50	1.05	0.15	3.54	
			1	10.70	1.05	0.15	1.69	
			1	8.00	1.05	0.15	1.26	
			1	1.50	1.05	0.15	0.24	
			1	17.00	1.05	0.15	2.68	
		RHS	1	30.00	1.05	0.15	4.73	
			1	30.00	1.05	0.15	4.73	
			1	15.50	1.05	0.15	2.44	
			1	30.00	1.05	0.15	4.73	
			1	30.00	1.05	0.15	4.73	
			1	24.50	1.05	0.15	3.86	
			1	30.00	1.05	0.15	4.73	
			1	30.00	1.05	0.15	4.73	
			1	22.50	1.05	0.15	3.54	
			1	19.30	1.05	0.15	3.04	
			1	30.00	1.05	0.15	4.73	
			1	30.00	1.05	0.15	4.73	
			1	13.00	1.05	0.15	2.05	
	Balaji Layout, 1st cross		1	15.00	1.05	0.15	2.36	
	Prakruthi layout, 5th cross		1	30.00	1.00	0.15	4.50	
			1	20.50	1.00	0.15	3.08	
	Naidu layout							
	Culvert1		1	5.40	1.80	0.18	1.75	
	Culvert2		1	7.00	1.80	0.18	2.27	
	Culvert3		1	7.60	1.80	0.18	2.46	
						Present Qty	**136.98**	**Cum**

Executive Engineer

Name of Work: Improvements to Roads and Drains at ISSAC layout, Synika vihara layout and Vinayaka layout in ward no-02 of Yelahanka Sub division

Date of Pre-Measurement : 27/7/19

Item No	Discription of Item		Detailed Measurements No	Length	Breadth	Depth	Qty	Unit
7	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of Design Mix M20 with OPC @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.460 cum, with super plasticisers @ 3 liters confirming to IS 9103-1999 reafirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6 (P.No.14, I.No.4.11 of PW, P&IWTD S.R 2018-19)							
	RCC Drain							
	Raft							
	Sainik Vihar Layout							
	Cross Road A	LHS	1	30.00	0.90	0.15	4.05	
			1	30.00	0.90	0.15	4.05	
			1	30.00	0.90	0.15	4.05	
			1	30.00	0.90	0.15	4.05	
			1	20.00	0.90	0.15	2.70	
	Harohalli 7th cross	LHS	1	30.00	0.90	0.15	4.05	
			1	3.00	0.90	0.15	0.41	
			1	26.00	0.90	0.15	3.51	
			1	30.00	0.90	0.15	4.05	
			1	30.00	0.90	0.15	4.05	
			1	24.50	0.90	0.15	3.31	
			1	27.50	0.90	0.15	3.71	
			1	30.00	0.90	0.15	4.05	
			1	30.00	0.90	0.15	4.05	
			1	22.50	0.90	0.15	3.04	
			1	10.70	0.90	0.15	1.44	
			1	8.00	0.90	0.15	1.08	
			1	1.50	0.90	0.15	0.20	
			1	17.00	0.90	0.15	2.30	
		RHS	1	30.00	0.90	0.15	4.05	
			1	30.00	0.90	0.15	4.05	
			1	15.50	0.90	0.15	2.09	
			1	30.00	0.90	0.15	4.05	
			1	30.00	0.90	0.15	4.05	
			1	24.50	0.90	0.15	3.31	
			1	30.00	0.90	0.15	4.05	
			1	30.00	0.90	0.15	4.05	

			1	22.50	0.90	0.15	3.04	
			1	19.30	0.90	0.15	2.61	
			1	30.00	0.90	0.15	4.05	
			1	30.00	0.90	0.15	4.05	
			1	13.00	0.90	0.15	1.76	
	Balaji Layout, 1st cross		1	15.00	0.90	0.15	2.03	
	Prakruthi layout, 5th cross		1	30.00	0.80	0.15	3.60	
			1	20.50	0.80	0.15	2.46	
	Wall							
	Sainik Vihar Layout							
	Cross Road A	LHS	2	30.00	0.15	0.60	5.40	
			2	30.00	0.15	0.60	5.40	
			2	30.00	0.15	0.60	5.40	
			2	30.00	0.15	0.60	5.40	
			2	20.00	0.15	0.60	3.60	
	Harohalli 7th cross	LHS	2	30.00	0.15	0.60	5.40	
			2	3.00	0.15	0.60	0.54	
			2	26.00	0.15	0.60	4.68	
			2	30.00	0.15	0.60	5.40	
			2	30.00	0.15	0.60	5.40	
			2	24.50	0.15	0.60	4.41	
			2	27.50	0.15	0.60	4.95	
			2	30.00	0.15	0.60	5.40	
			2	30.00	0.15	0.60	5.40	
			2	22.50	0.15	0.60	4.05	
			2	10.70	0.15	0.60	1.93	
			2	8.00	0.15	0.60	1.44	
			2	1.50	0.15	0.60	0.27	
			2	17.00	0.15	0.60	3.06	
		RHS	2	30.00	0.15	0.60	5.40	
			2	30.00	0.15	0.60	5.40	
			2	15.50	0.15	0.60	2.79	
			2	30.00	0.15	0.60	5.40	
			2	30.00	0.15	0.60	5.40	
			2	24.50	0.15	0.60	4.41	
			2	30.00	0.15	0.60	5.40	
			2	30.00	0.15	0.60	5.40	
			2	22.50	0.15	0.60	4.05	
			2	19.30	0.15	0.60	3.47	
			2	30.00	0.15	0.60	5.40	
			2	30.00	0.15	0.60	5.40	
			2	13.00	0.15	0.60	2.34	
	Balaji Layout, 1st cross		2	15.00	0.15	0.60	2.70	
	Prakruthi layout, 5th cross		2	30.00	0.15	0.60	5.40	
			2	20.50	0.15	0.60	3.69	
	Naidu layout							
	Raft							
	Culvert1		1	5.40	1.50	0.15	1.22	

	Culvert2		1	7.00	1.50	0.15	1.58	
	Culvert3		1	7.60	1.50	0.20	2.28	
	Wall							
	Culvert1		2	5.40	0.20	0.60	1.30	
	Culvert2		2	7.00	0.20	0.60	1.68	
	Culvert3		2	7.60	0.20	0.60	1.82	
						Present Qty	**270.88**	**Cum**

263.03

Contractor

PMC

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore